## WHAT IS CLAIMED IS:

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1. A power converter, comprising:

an input voltage system to receive a plurality of input voltages and to output a single voltage; and

a transformer, coupled to said input voltage system, to receive the single voltage and to output a transformed voltage, said transformer having a primary winding and a secondary winding, wherein said secondary winding of said transformer is configured as a boost inductor.

- 2. The power converter of claim 1, wherein the plurality of input voltages is input one at a time.
- 3. The power converter of claim 1, wherein the plurality of input voltages is input simultaneously.
  - 4. The power converter of claim 1, further including a buck regulator to receive the transformed voltage, to generate a regulated voltage, and to output the regulated voltage as an output voltage.
- 15 5. The power converter of claim 4, further including an error correction system to receive a programming voltage and the regulated voltage, and to output a correction signal to the buck regulator based on a ratio between the programming voltage and the regulated voltage.
  - 6. The power converter of claim 5, wherein a magnitude of the programming voltage is dependent upon a value of a resistor located in a cable coupled to the power converter.
  - 7. The power converter of claim 5, wherein a magnitude of the programming voltage is dependent upon a value of a resistor located in a connector coupled to a cable and to the power converter.
  - 8. The power converter of claim 7, wherein the connector is detachable from the cable.

- 9. The power converter of claim 5, wherein the programming voltage is input from a connector coupled to the cable and to the power converter.
- 10. The power converter of claim 9, wherein the connector is detachable from the cable.
- 11. The power converter of claim 4, further including an error correction system to receive a programming current and a regulated current, and to output a correction signal to the buck regulator based on a ratio between the programming current and the regulated current.
  - 12. The power converter of claim 11, wherein the magnitude of the programming current is dependent upon a value of a resistor located in a cable attached to the power converter.
  - 13. The power converter of claim 11, wherein the magnitude of the programming current is dependent upon a value of a resistor located in a connector coupled to a cable and the power converter.
    - 14 The power converter of claim 13, wherein the connector is detachable.
- 15. The power converter of claim 11, wherein the programming current is transmitted from a connector coupled to a cable and the power converter.
  - 16. The power converter of claim 15, wherein the connector is detachable from the cable.
  - 17. The power converter of claim 1, wherein one of the plurality of input voltages is a DC voltage.
- 20 18. The power converter of claim 17, wherein the DC voltage is provided from the group consisting of an airplane, a car, and a battery.
  - 19. The power converter of claim 1, wherein one of the plurality of input voltages is an AC voltage.

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